Speech Communication 9 (1990) 591–592
North-Holland

AUTHOR INDEX

Volume 9 (1990)

Altom, M.J., see **M.F. Spiegel** (4) 279–291
Baekgaard, A., see **P. Dalsgaard** (5–6) 509–520
Bengio, Y., see **P. Cosi** (1) 15– 29
Benoit, C., An intelligibility test using semantically unpredictable sentences: Towards the quantification of linguistic complexity (4) 293–304
Bernasconi, C., On instantaneous and transitional spectral information for text-dependent speaker verification (2) 129–139
Bezooijen, R. van and **L.C.W. Pols**, Evaluating text-to-speech systems: Some methodological aspects (4) 263–270
Billi, R., P. Buttafava, D. Cericola, W. Digiampietro, G. Massia, M.J. Mollo, F. Tafini, G. Varese and **V. Vittorelli**, A PC-based very large vocabulary isolated word speech recognition system (5–6) 521–530
Boë, L.-J. and **P. Perrier**, Comments on "Distinctive regions and modes: A new theory of speech production" by M. Mrayati, R. Carré and B. Guérin (Letter to the Editor) (3) 217–230
Brauer, P., see **P. Knagenhjelm** (1) 31– 34
Bridle, J.S., Alpha-nets: A recurrent "neural" network architecture with a Hidden Markov Model interpretation (1) 83– 92
Buttafava, P., see **R. Billi** (5–6) 521–530
Butterfield, S., see **A. Cutler** (5–6) 485–495
Callan, V., see **J. Pittam** (3) 177–187
Campbell, W.N., Analog I/O nets for syllable timing (1) 57– 61
Carlson, R., B. Granström and **L. Nord**, Evaluation and development of the KTH text-to-speech system on the segmental level (4) 271–277
Carlson, R., B. Granström and **L. Nord**, The KTH speech database (4) 375–380
Carré, R., see **M. Mrayati** (3) 231–238
Cericola, D., see **R. Billi** (5–6) 521–530
Charpentier, F., see **E. Moulines** (5–6) 453–467
Childers, D.G. and **K. Wu**, Quality of speech produced by analysis-synthesis (1) 97–117
Collier, R., On the perceptual analysis of intonation (5–6) 443–451
Compernolle, D. van, W. Ma, F. Xie and **M. van Diest**, Speech recognition in noisy environments with the aid of microphone arrays (5–6) 433–442
Cosi, P., Y. Bengio and **R. De Mori**, Phonetically-based multi-layered neural networks for classification (1) 15– 29
Culling, J.F., see **C.J. Darwin** (5–6) 469–475
Cutler, A. and **S. Butterfield**, Durational cues to word boundaries in clear speech (5–6) 485–495
d'Allessandro, C., Time-frequency speech transformation based on an elementary waveform representation (5–6) 419–431
Dalsgaard, P. and **A. Baekgaard**, Recognition of continuous speech using neural nets and expert system processing (5–6) 509–520
Darwin, C.J. and **J.F. Culljng**, Speech perception seen through the ear (5–6) 469–475
De Mori, R., see **P. Cosi** (1) 15– 29
Diest, M. van, see **D. van Compernolle** (5–6) 433–442
Di Francesco, R., see **E. Moulines** (5–6) 401–418
Digiampietro, W., see **R. Billi** (5–6) 521–530
Fant, G., see **L. Nord** (5–6) 477–483
Fant, G., Speech research in perspective (3) 171–176
Ferretti, M., G. Maltese and **S. Scarci**, Measuring information provided by language model and acoustic model in probabilistic speech recognition: Theory and experimental results (5–6) 531–539
Frangoulis, E., see **J. Peckham** (4) 317–327
Funada, T., T. Suzuki and **L. Yu**, A pitch extraction method using a bank of bandpass filter-pairs (3) 203–216
Gallois, C., see **J. Pittam** (3) 177–187
Goodyear, C.C., see **M.G. Rahim** (1) 49– 55
Gramms, T. and **H.W. Strube**, Recognition of isolated words based on psychoacoustics and neurobiology (1) 35– 40
Granström, B., see **R. Carlson** (4) 271–277
Granström, B., see **R. Carlson** (4) 375–380
Guérin, B., see **M. Mrayati** (3) 231–238
Hedelin, P. and **D. Huber**, The CTH speech database: An integrated multilevel approach (4) 365–374
Hendriks, J.P.M., A formalism for speech database access (4) 381–388
Hon, H.-W., see **K.-F. Lee** (5–6) 497–508
Howard, I., see **J.R. Walliker** (1) 63– 71
Huang, X., see **K.F. Lee** (5–6) 497–508
Huber, D., see **P. Hedelin** (4) 365–374
Huckvale, M., Exploiting speech knowledge in neural nets for recognition (1) 1– 13
Hunt, M.J., Figures of merit or assessing connected-word recognisers (4) 329–336
Hwang, M.-Y., see **K.-F. Lee** (5–6) 497–508
Katagiri, S., see **A. Kurematsu** (4) 357–363

0167-6393/91/$03.50 © 1991 – Elsevier Science Publishers B.V. (North-Holland)

Knagenhjelm, P. and **P. Brauer**, Classification of vowels in continuous speech using MLP and a hybrid net (1) 31– 34
Kokkonen, M. and **K. Torkkola**, Using self-organizing maps and multi-layered feed-forward nets to obtain phonemic transcriptions of spoken utterances (5–6) 541–549
Kruckenberg, A., see **L. Nord** (5–6) 477–483
Kuhn, G., R.L. Watrous and **B. Ladendorf**, Connected recognition with a recurrent network (1) 41– 48
Kurematsu, A., K. Takeda, Y. Sagisaka, S. Katagiri, H. Kuwabara and **K. Shikano**, ATR Japanese speech database as a tool of speech recognition and synthesis (4) 357–363
Kuwabara, H., see **A. Kurematsu** (4) 357–363
Ladd, D.R., see **A.I.C. Monaghan** (4) 305–314
Ladendorf, B., see **G. Kuhn** (1) 41– 48
Lee, K.-F., H.-W. Hon, M.-Y. Hwang and **X. Huang**, Speech recognition using Hidden Markov Models: A CMU perspective (5–6) 497–508
Ma, W., see **D. van Compernolle** (5–6) 433–442
Macchi, M.J., see **M.F. Spiegel** (4) 279–291
Maltese, G., see **M. Ferretti** (5–6) 531–539
Marques, J.S., see **I.M. Trancoso** (5–6) 389–400
Massia, G., see **R. Billi** (5–6) 521–530
Mollo, M.J., see **R. Billi** (5–6) 521–530
Monaghan, A.I.C. and **D.R. Ladd**, Symbolic output as the basis for evaluating intonation in text-to-speech systems (4) 305–314
Morais, J., see **M. Radeau** (2) 155–164
Moulines, E. and **F. Charpentier**, Pitch-synchronous waveform processing techniques for text-to-speech synthesis using diphones (5–6) 453–467
Moulines, E. and **R. Di Francesco**, Detection of the glottal closure by jumps in the statistical properties of the speech signal (5–6) 401–418
Mrayati, M., R. Carré and **B. Guérin**, Distinctive regions and modes: Articulatory-acoustic-phonetic aspects. A reply to Boë and Perrier's comments (Letter to the Editor) (3) 231–238
Niedermair, G.Th., M. Streit and **H. Tropf**, Linguistic processing related to speech understanding in SPICOS II (5–6) 565–585
Nord, L., A. Kruckenberg and **G. Fant**, Some timing studies of prose, poetry and music (5–6) 477–483
Nord, L., see **R. Carlson** (4) 271–277
Nord, L., see **R. Carlson** (4) 375–380
Peckham, J., T. Thomas and **E. Frangoulis**, Recogniser sensitivity analysis: A method for assessing the performance of speech recognisers (4) 317–327
Perrier, P., see **L.-J. Boë** (3) 217–230
Picone, J., Duration in context clustering for speech recognition (2) 119–128
Pittam, J., C. Gallois and **V. Callan**, The long-term spectrum and perceived emotion (3) 177–187
Pols, L.C.W., see **R. van Bezooijen** (4) 263–270
Radeau, M. and **J. Morais**, The uniqueness point effect in the shadowing of spoken words (2) 155–164
Rahim, M.G. and **C.C. Goodyear**, Estimation of vocal tract filter parameters using a neural net (1) 49– 55
Ribeiro, C.M., see **I.M. Trancoso** (5–6) 389–400
Robert, F., see **H. Ye** (2) 141–153
Sagisaka, Y., see **A. Kurematsu** (4) 357–363
Scarci, S., see **M. Ferretti** (5–6) 531–539
Schoentgen, J., Non-linear signal representation and its application to the modelling of the glottal waveform (3) 189–201
Shikano, K., see **A. Kurematsu** (4) 357–363
Smyth, S.G., see **P.C. Woodland** (1) 73– 82
Spiegel, M.F., M.J. Altom, M.J. Macchi and **K.L. Wallace**, Comprehensive assessment of the telephone intelligibility of synthesized and natural speech (4) 279–291
Streit, M., see **G.Th. Niedermair** (5–6) 565–585
Strube, H.W., see **T. Gramms** (1) 35– 40
Suzuki, T., see **T. Funada** (3) 203–216
Tafini, F., see **R. Billi** (5–6) 521–530
Takeda, K., see **A. Kurematsu** (4) 357–363
Taylor, M.M., see **J.M.E. van de Vegte** (4) 337–347
Thomas, T., see **J. Peckham** (4) 317–327
Torkkola, K., see **M. Kokkonen** (5–6) 541–549
Trancoso, I.M., J.S. Marques and **C.M. Ribeiro**, CELP and sinusoidal coders: Two solutions for speech coding at 4.8–9.6 KBPS (5–6) 389–400
Tropf, H., see **G.Th. Niedermair** (5–6) 565–585
Varese, G., see **R. Billi** (5–6) 521–530
Vegte, J.M.E. van de and **M.M. Taylor**, Testing the effective vocabulary capacity method of evaluating speech recognizers (4) 337–347
Vittorelli, V., see **R. Billi** (5–6) 521–530
Wallace, K.L., see **M.F. Spiegel** (4) 279–291
Walliker, J.R. and **I. Howard**, Real-time portable multi-layer perceptron voice fundamental-period extractor for hearing aids and cochlear implants (1) 61– 71
Wang, Hsiao-Chuan, see **Wu-Ji Yang** (3) 239–245
Wang, S., see **H. Ye** (2) 141–153
Watrous, R.L., see **G. Kuhn** (1) 41– 48
Woodland, P.C. and **S.G. Smyth**, An experimental comparison of connectionist and conventional classification systems on natural data (1) 73– 82
Wu, K., see **D.G. Childers** (2) 97–117
Xie, F., see **D. van Compernolle** (5–6) 433–442
Yang, Wu-Ji and **Hsiao-Chuan Wang**, Finite register length effects in a Hidden Markov Model speech recognizer (Short Communication) (3) 239–245
Ye, H., S. Wang and **F. Robert**, A PCMN neural network for isolated word recognition (2) 141–153
Young, S.R., Use of dialogue, pragmatics and semantics to enhance speech recognition (5–6) 551–564
Yu, L., see **T. Funada** (3) 203–216
Zue, V., S. Seneff and **J. Glass**, Speech database development at MIT: TIMIT and beyond (4) 351–356